PATENT

B. AMENDMENTS TO THE CLAIMS

1.   (currently amended) A method of displaying layered data, said method comprising:

selecting one or more objects to be displayed in a plurality of layers;

identifying a plurality of non-spatially distinguishable display attributes, wherein one or more of the non-spatially distinguishable display attributes corresponds to each of the layers;

matching each of the objects to one of the layers;

applying the non-spatially distinguishable display attributes corresponding to the layer for each of the matched objects;

determining a layer order for the plurality of layers, wherein the layer order determines a display emphasis corresponding to the objects from the plurality of objects in the corresponding layers; and

displaying the objects with the applied non-spatially distinguishable display attributes based upon the determination, wherein the objects in a first layer from the plurality of layers are visually distinguished from the objects in the other plurality of layers based upon the non-spatially distinguishable display attributes of the first layer.

2.   (currently amended) The method as described in claim 1 further comprising:

receiving a request from a user to rearrange the layers;

rearranging the layers in response to the request, the rearranging including:

re-matching one or more objects to a different layer from the plurality of layers;

applying the non-spatially distinguishable display attributes corresponding to the different layer to the one or more re-matched objects; and

Docket No. RSW920000176US1   Page 2   Atty Ref. No. IBM-R106
                              Redpath et. al.

displaying the one or more re-matched objects.

3.   (original) The method as described in claim 1 further comprising:

reading the objects from a data store; and

reading one or more object attributes corresponding to each object from the data store,

wherein the matching further comprises:

    matching the object attributes corresponding to each object to one or more layer attributes corresponding to each layer.

4.   (original) The method as described in claim 1 further comprising:

creating the objects;

setting one or more object attributes corresponding to each object; and

storing the object and the object attributes in a data store.

5.   (original) The method as described in claim 4 further comprising:

_ establishing one or more relationships from at least one of the objects to one or more other objects.

6.   (currently amended) The method as described in claim 1 wherein the <u>non-spatially distinguishable</u> display attributes are selected from the group consisting of: color hue, color value, color saturation, size, three dimensional image, ~~two dimensional image~~, animation, shading, fill pattern, line pattern, line weight, opaqueness, transparency, ~~proximity~~, shape, and object anomaly.

7.   (original) The method as described in claim 1 further comprising:

      displaying one or more relationship lines connecting at least one of the objects to
      one or more other objects.

8.   (cancelled)

9.   (currently amended) An information handling system comprising:

      one or more processors;

      a memory accessible by the processors;

      a nonvolatile storage area accessible by the processors;

      a display screen accessible by the processors; and

      a layered data display tool to display layered data on the display screen, the
      layered data display tool including:

            logic for selecting one or more objects to be displayed in a plurality of
            layers;

            identification logic to identify a plurality of non-spatially distinguishable
            display attributes, wherein one or more of the non-spatially
            distinguishable display attributes corresponds to each of the layers;

            matching logic for matching each of the objects to one of the layers;

            applicator logic to apply the non-spatially distinguishable display
            attributes corresponding to the layer for each of the matched objects;

            determination logic for determining a layer order for the plurality of
            layers, wherein the layer order determines a display emphasis

Docket No. RSW920000176US1   Page 4   Atty Ref. No. IBM-R106
                                     Redpath et. al.

PATENT

corresponding to the objects from the plurality of objects in the
corresponding layers; and

display control logic to display the objects with the applied non-spatially
distinguishable display attributes, wherein the objects in a first layer from
the plurality of layers are visually distinguished from the objects in the
other plurality of layers based upon the non-spatially distinguishable
display attributes of the first layer.

10.   (currently amended) The information handling system as described in claim 9
      further comprising:

      a rearranging request received from a user;

      rearranging logic to rearrange the displayed layers, the rearranging logic
      including:

      re-matching logic to re-match one or more objects to a different layer from the
      plurality of layers;

      application logic to apply the non-spatially distinguishable display attributes
      corresponding to the different layer to the one or more re-matched objects; and

      display logic to display the one or more re-matched objects.

11.   (currently amended) The information handling system as described in claim 9
      wherein the non-spatially distinguishable display attributes are selected from the
      group consisting of: color hue, color value, color saturation, size, three
      dimensional image, two dimensional image, animation, shading, fill pattern, line
      pattern, line weight, opaqueness, transparency, proximity, shape, and object
      anomaly.

Docket No. RSW920000176US1   Page 5   Atty Ref. No. IBM-R106
                                    Redpath et. al.

PATENT

12.   (original) The information handling system as described in claim 9 further comprising:

logic to read the objects from a data store within the nonvolatile storage area; and

logic to read one or more object attributes corresponding to each object from the data store,

wherein the matching logic further comprises:

logic to match the object attributes corresponding to each object to one or more layer attributes corresponding to each layer.

13.   (currently amended) A computer program product stored on a computer usable medium for displaying layered data, said computer program product comprising:

means for selecting one or more objects to be displayed in a plurality of layers;

means for identifying a plurality of non-spatially distinguishable display attributes, wherein one or more of the non-spatially distinguishable display attributes corresponds to each of the layers;

means for matching each of the objects to one of the layers;

means for applying the non-spatially distinguishable display attributes corresponding to the layer for each of the matched objects;

means for determining a layer order for the plurality of layers, wherein the layer order determines a display emphasis corresponding to the objects from the plurality of objects in the corresponding layers; and

means for displaying the objects with the applied non-spatially distinguishable display attributes, wherein the objects in a first layer from the plurality of layers are visually distinguished from the objects in the other plurality of layers based upon the non-spatially distinguishable display attributes of the first layer.

Docket No. RSW920000176US1   Page 6   Atty Ref. No. IBM-R106
                                    Redpath et. al.

14. (currently amended) The computer program product as described in claim 13 further comprising:

means for receiving a request from a user to rearrange the layers;

means for rearranging the layers in response to the request, the rearranging including:

means for re-matching one or more objects to a different layer from the plurality of layers;

means for applying the non-spatially distinguishable display attributes corresponding to the different layer to the one or more re-matched objects; and

means for displaying the one or more re-matched objects.

15. (original) The computer program product as described in claim 13 further comprising:

means for reading the objects from a data store; and

means for reading one or more object attributes corresponding to each object from the data store,

wherein the matching further comprises:

means for matching the object attributes corresponding to each object to one or more layer attributes corresponding to each layer.

16. (original) The computer program product as described in claim 13 further comprising:

means for creating the objects;

Docket No. RSW920000176US1   Page 7   Atty Ref. No. IBM-R106
                                     Redpath et. al.

PATENT

means for setting one or more object attributes corresponding to each object; and

means for storing the object and the object attributes in a data store.

17.   (original) The computer program product as described in claim 16 further comprising:

means for establishing one or more relationships from at least one of the objects to one or more other objects.

18.   (currently amended) The computer program product as described in claim 13 wherein the non-spatially distinguishable display attributes are selected from the group consisting of: color hue, color value, color saturation, size, three dimensional image, two dimensional image, animation, shading, fill pattern, line pattern, line weight, opaqueness, transparency, proximity, shape, and object anomaly.

19.   (original) The computer program product as described in claim 13 further comprising:

means for displaying one or more relationship lines connecting at least one of the objects to one or more other objects.

20.   (cancelled)

Docket No. RSW920000176US1   Page 8   Atty Ref. No. IBM-R106
                                   Redpath et. al.